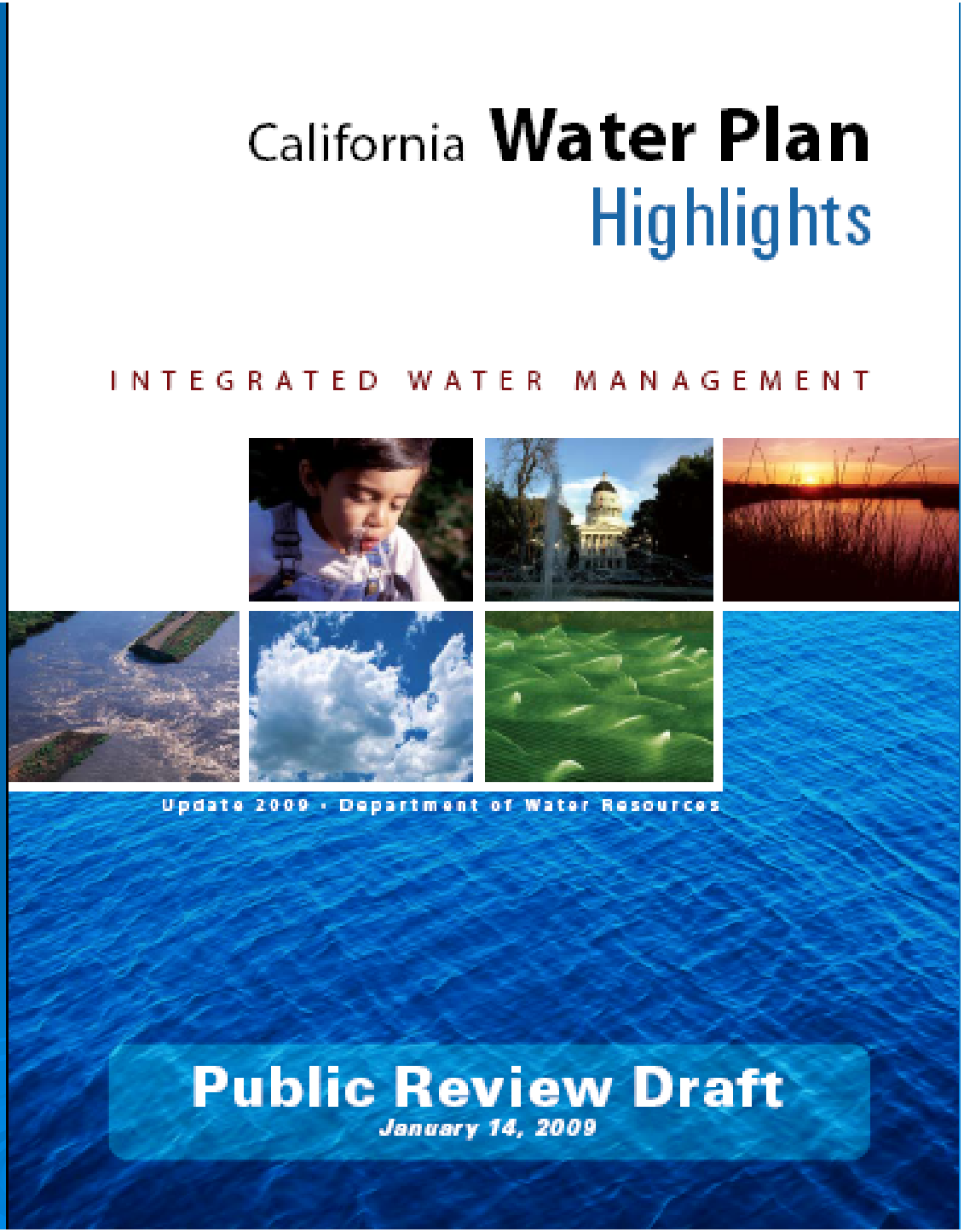
Agenda Item 3
Update 2009 Planning Framework

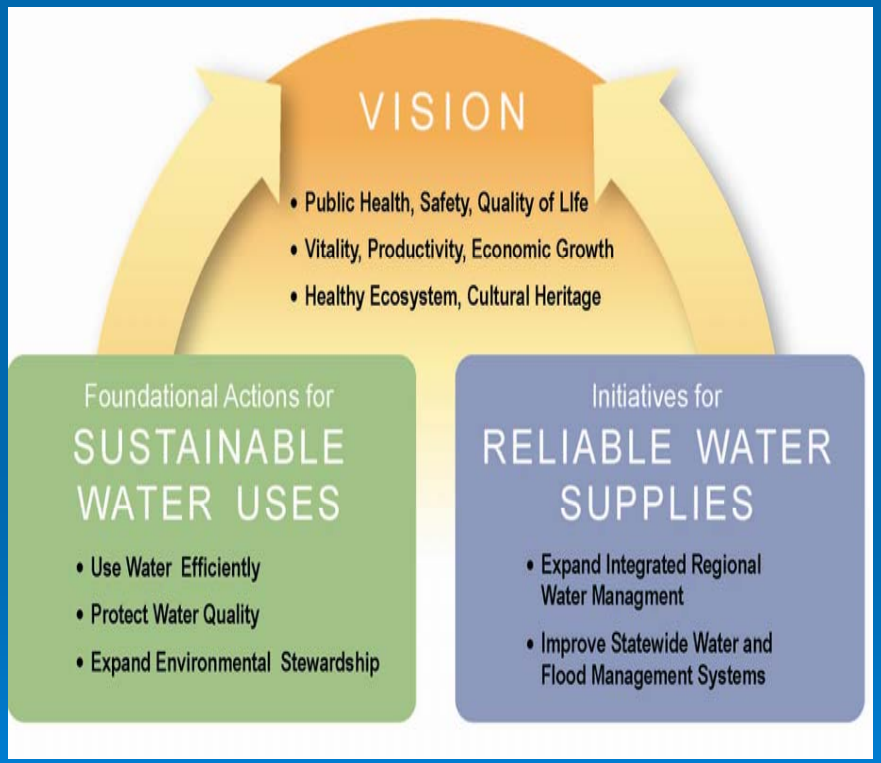
California Water Plan Update 2009

Planning Framework

Regional Workshops
April - May 2009



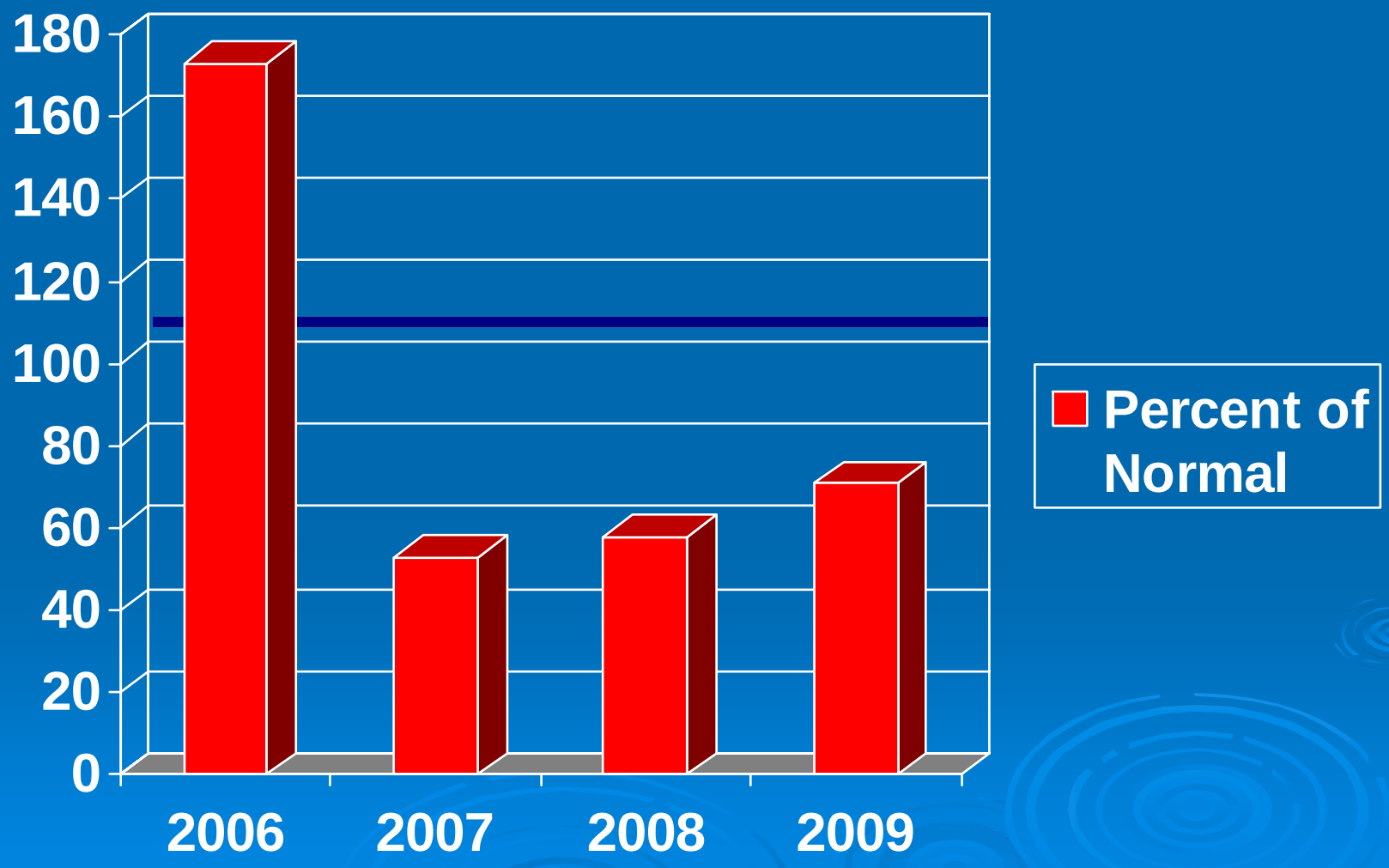
Imperative to Act to Keep Pace w/ Changes



- Population growth
- Shift to permanent crops
- Delta & watersheds in decline
- Climate Change profoundly impacting water systems
- Current water & flood systems aging and challenged by legal remedies & regulatory protections
- Growing economic & societal consequences of declining water reliability and degraded quality of surface & groundwater supplies

Statewide Runoff

(April 1, 2009 projection)



California's Drought

- 2009 third dry year statewide; 8th driest January on record
- Major reservoirs remain very low
- Groundwater basins are depleted
- Early March rain helped, but drought conditions in 2009 projected to be dry for third year

Lake Oroville
2-3-2009

2008 Drought Impacts

- Agricultural losses – more than $300M
- Local rationing
- Delayed economic development
- Reduced hydropower generation
- Reduced recreation
- Increased wildfire
- Small systems at risk

Drought Response

- Governor's Drought Emergency Proclamation
- Water Conservation
- Drought Water Bank
- Regional transfers
- Expedited State grants
- Public education & outreach

Long Term Actions

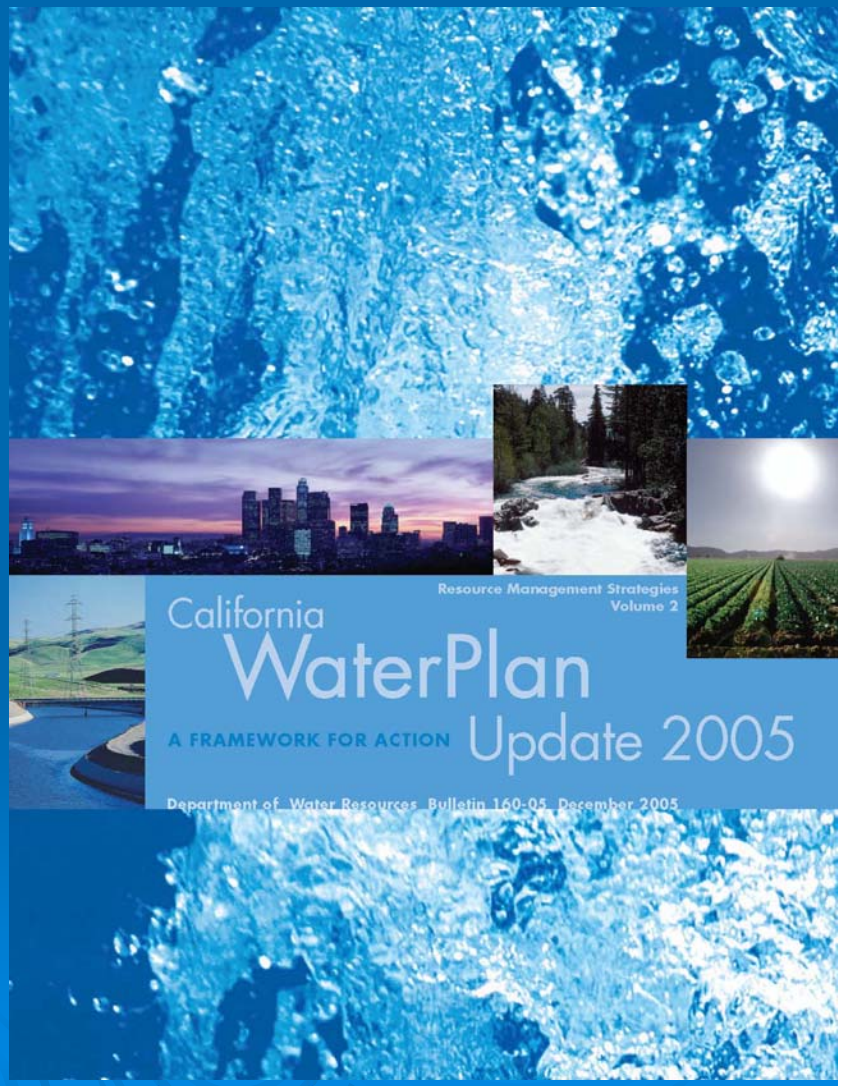
- Sustain & increase conservation & reuse
- Diversify regional water portfolios
- Increase conjunctive management & storage
- Manage a sustainable Delta
- Continuous investments

That is:

Implement the California Water Plan Update 2009

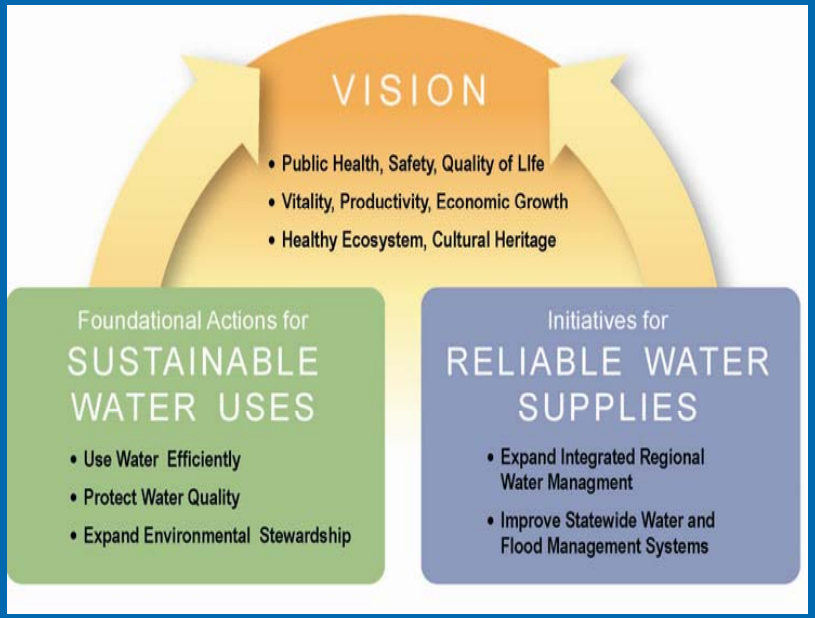
The California Water Plan

- First published in 1957 as Bulletin 3
- Updated 8 times (Bulletin 160); last one in 2005
- DWR required by law (Water Code) to update the Water Plan every 5 years; next one in 2009
- Growing interest by Legislature and stakeholders
- Part of Governor's Strategic Growth Initiative



Update 2009 – State's Blueprint
Integrated Water Management & Sustainability

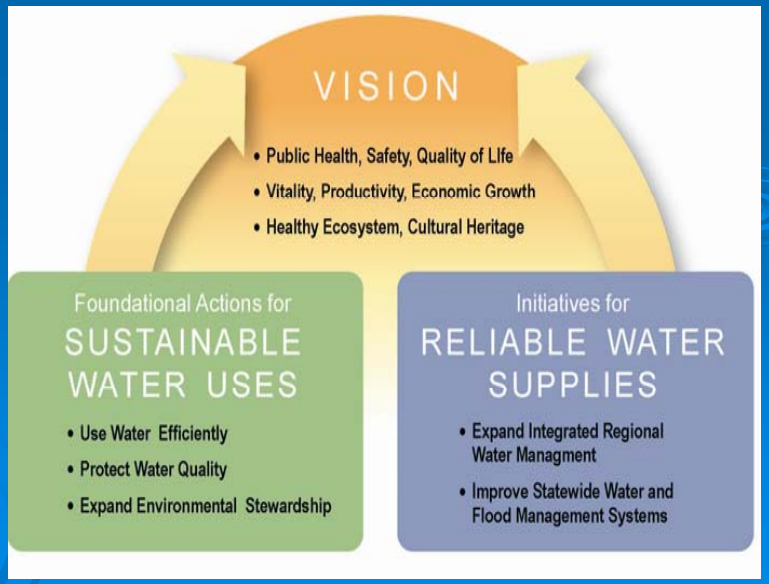
Update 2009 Features



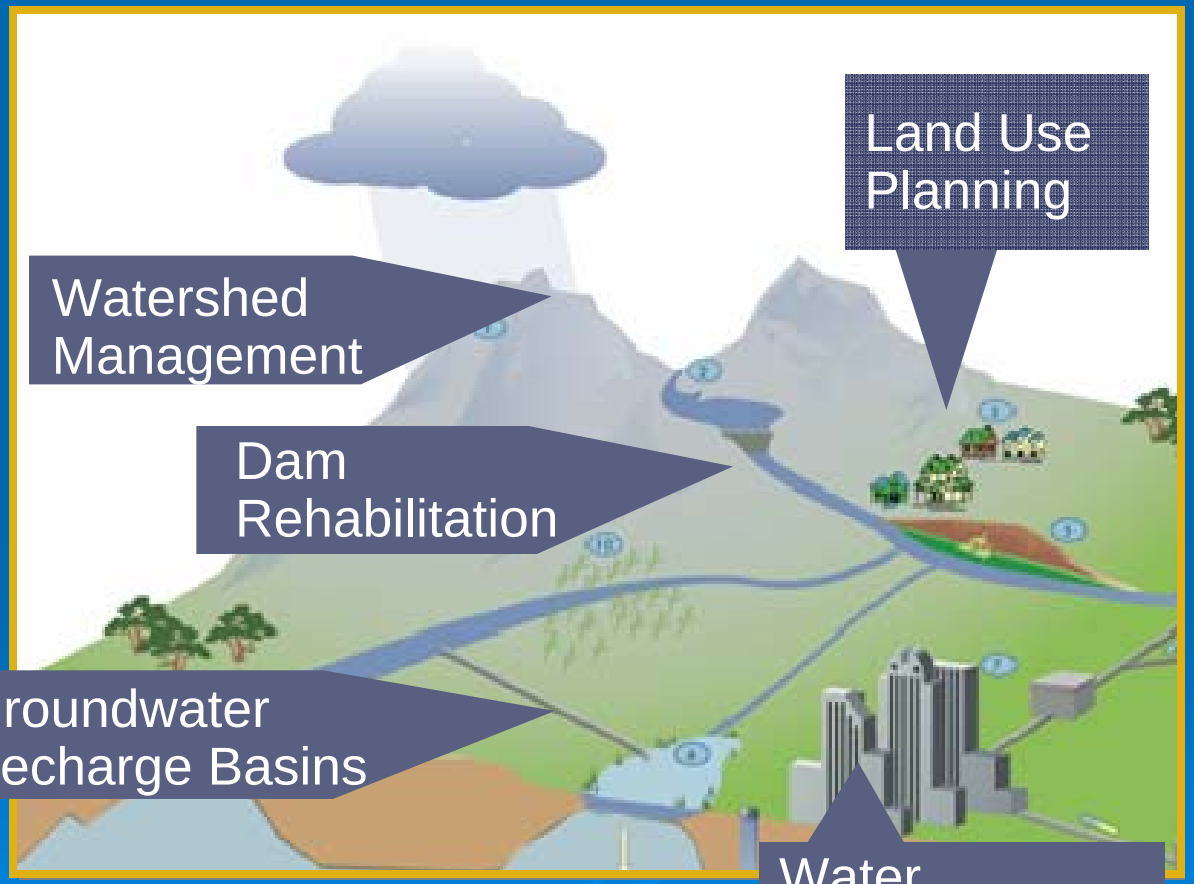
- Provides an investment guide for the water community with an array of strategies to achieve multiple goals & benefits.
- Integrates State government initiatives, objectives & strategies and offers ~100 near- and long-term actions to achieve them.
- Incorporates consideration of uncertainties, risks & resource sustainability into water & flood planning for the future.

Update 2009 Features

- Incorporates strategies for Integrated Flood Management and climate adaptation & mitigation.
- Describes 27 resource management strategies to diversify regional water portfolios & increase regional self-sufficiency.
- Outlines new analytical methods and tools to plan for population growth & development patterns, climate change, economic change, and other uncertainties.
- Updates 12 regional reports.



Integrated Regional Water Management



Watershed Management
- Reduced Siltation
- Water Quality
- Habitat

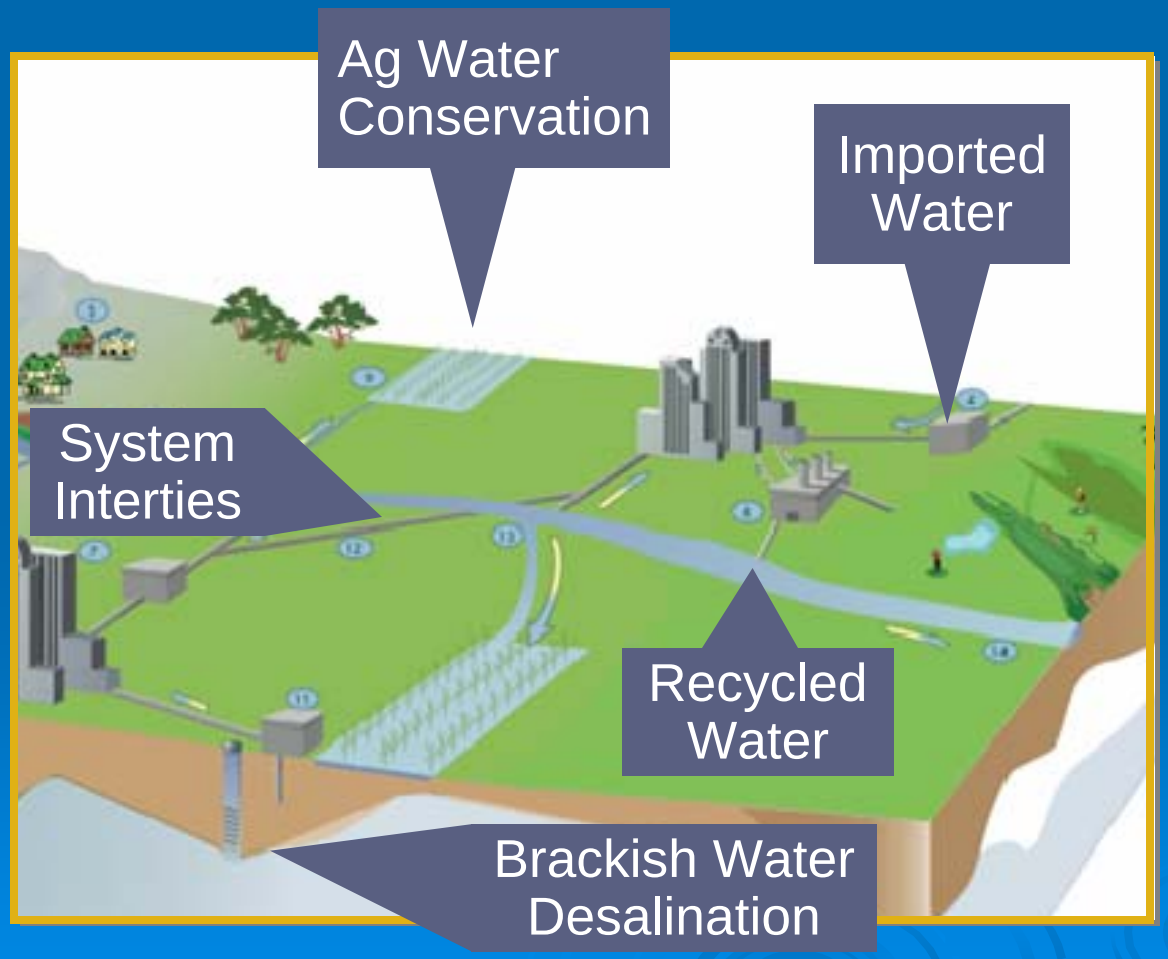
Dam Rehabilitation
- Flood Protection
- Water Supply
- Fish Passage

Land Use Planning
- Protect Groundwater Recharge Areas

Recharge Basins
- Water Supply & Quality
- Pumping Lifts

Water Conservation
- Reduced demand

Integrated Regional Water Management



Ag Water Conservation
- Reduced Demand
- Reduced Ag Runoff

Imported Water
- Reduced Dependence
- Use when available

System Interties
- Mutual Reliability
- Emergency Readiness

Recycled Water
- Water Supply
- Reduced Discharge

Desalination
- Water Supply
- Groundwater Quality

California Water Plan Update 2009
Process Guide

Public

Advisory Committee

Communities of Interest
Statewide Organizations

Regional Forum & Workshops

Communities of Place
Local Agencies & Governments

Extended Review Forum

Interested Public

Govt-to-Govt Collaboration

Water Plan Steering Committee

State Agencies

Coordination

Federal Agencies

Consultation

Tribal Governments

DWR & Other State Agencies

Multi-Disciplinary Project Team

Work Teams

Analytical Tools & Data
Communications Planning
Environmental Water Facilitation
Integrated Flood Management
Land & Water Use
Resource Management Strategies
Water Supply & Balance
Water Quality

Regional Leads

State staff working with Regional Efforts

Regional Reports

< Plenary >

Everyone

Statewide Water Analysis Network (SWAN)

Scientists & Engineers

Information Exchange & Data Integration | **Climate Change** | **Shared Analytical Tools & Methods**

24-Month Collaboration Statistics

Mar 2007 – February 2009

Comparison w/ Update 2005

87% of collaboration in 40% of the time

Meeting	Number	Person Hours
Steering Committee	11	1073
Advisory Committee	7	4489
Regional Workshops	21	4725
Mgmt Strategy Workshops	31	1575
All-Regions Forum	2	1928
Plenary	2	2586
SWAN Workshops	7	1690
Scenarios Workshops	2	82
Climate Change TAG	3	376
Tribal Communication Committee	12	770
Tribal Water Summit Planning	3	118
Tribal Water Plenary	1	496
Totals	**103**	**20,223**

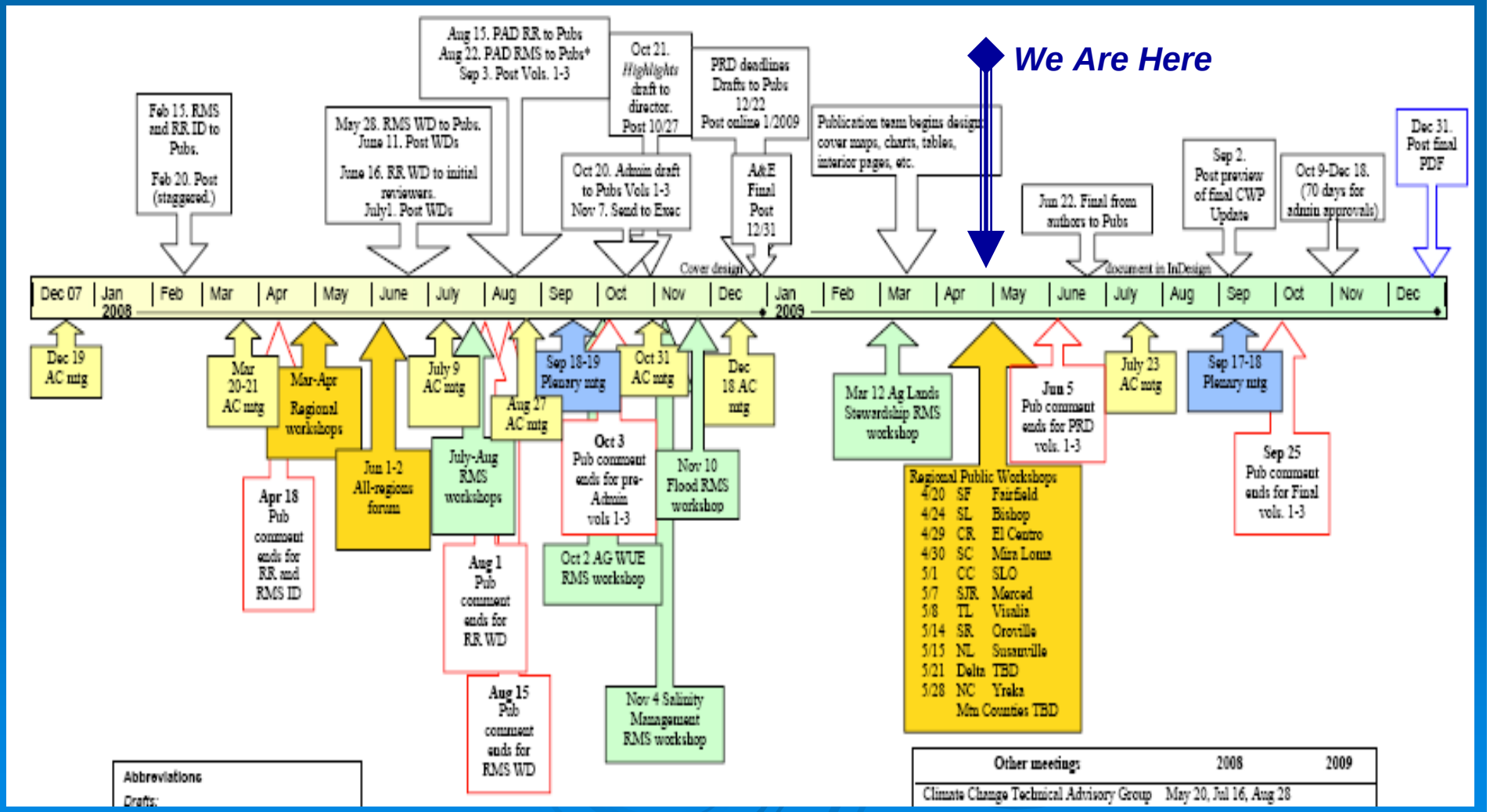
*** Not including briefings**

What’s Next

Document & Venue Schedule

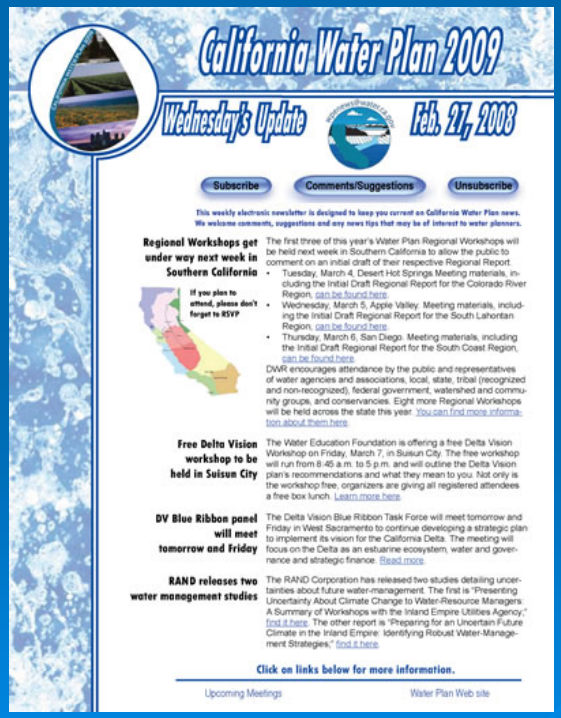
Documents Above & Venues Below Timeline

2008 **2009**



Ways to Access Water Plan Information

- Visit the Water Plan Web Portal
  www.waterplan.water.ca.gov



- Subscribe to Water Plan eNews
  a weekly electronic newsletter
  www.waterplan.water.ca.gov/enews

Send Comments by June 5

- E-mail: cwpcom@water.ca.gov

All comments posted online

- Fax: 916-651-9289

- Postal mail:

  Attn: Paul Dabbs
  Statewide Water Planning
  California Department of Water Resources
  PO Box 942836, Sacramento, CA 94236-0001

www.waterplan.water.ca.gov/comments/update2009/

Questions ?